

DOCKET NO.: RTS-0242US.P1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: C. Frank Bennett

Serial No.: 10/672,866

Group Art Unit: 1635

Filed: September 26, 2003

Examiner: Kimberly Chong

For: Antisense Modulation of Superoxide Dismutase 1, Soluble

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8/29/2005
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Signature

Commissioner for Patents
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AMENDMENT AND REQUEST FOR RECONSIDERATION

Dear Examiner Chong:

This is in response to the Office Action dated May 3, 2005 setting a three (3) month period for response. The Applicants hereby request an extension of one (1) month in time for response.

Applicants respectfully request that the following amendments be entered, without prejudice:

Amendments to the Specification begin on page 2.

Amendments to the Claims begin on page 3.

Amendments to the Sequence Listing begin on page 5.

Remarks begin on page 6.

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This version of the paragraph on page 127, line 29 to page 128, line 13 will replace all prior versions of the paragraph in the specification:

In accordance with the present invention, a series of nucleic acid duplexes comprising the antisense compounds of the present invention and their complements can be designed to target superoxide dismutase-1, soluble. The nucleobase sequence of the antisense strand of the duplex comprises at least a portion of an oligonucleotide to superoxide dismutase-1, soluble as described herein. The ends of the strands may be modified by the addition of one or more natural or modified nucleobases to form an overhang. The sense strand of the dsRNA is then designed and synthesized as the complement of the antisense strand and may also contain modifications or additions to either terminus. For example, in one embodiment, both strands of the dsRNA duplex would be complementary over the central nucleobases, each having overhangs at one or both termini. For example, a duplex comprising an antisense strand having the sequence CGAGAGGCGGACGGGACCG and having a two-nucleobase overhang of deoxythymidine(dT) would have the following structure:

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cgagaggcggacgggaccgTT
|||||
TTgctctccgcctgcctggc
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Antisense Strand (SEQ ID NO: 340)

Complement (SEQ ID NO: 341)

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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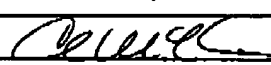
TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/672,866	
	Filing Date	9/26/2003	
	First Named Inventor	C. Frank Bennett	
	Art Unit	1635	
	Examiner Name	Kimberly Chong	
Total Number of Pages in This Submission	11	Attorney Docket Number	RTS-0242US.P1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks _____		


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Firm Name	Isis Pharmaceuticals, Inc.		
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Date	Aug 29, 2005	Reg. No.	48/570

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Typed or printed name	Laura Eames	Date	8/29/2005

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